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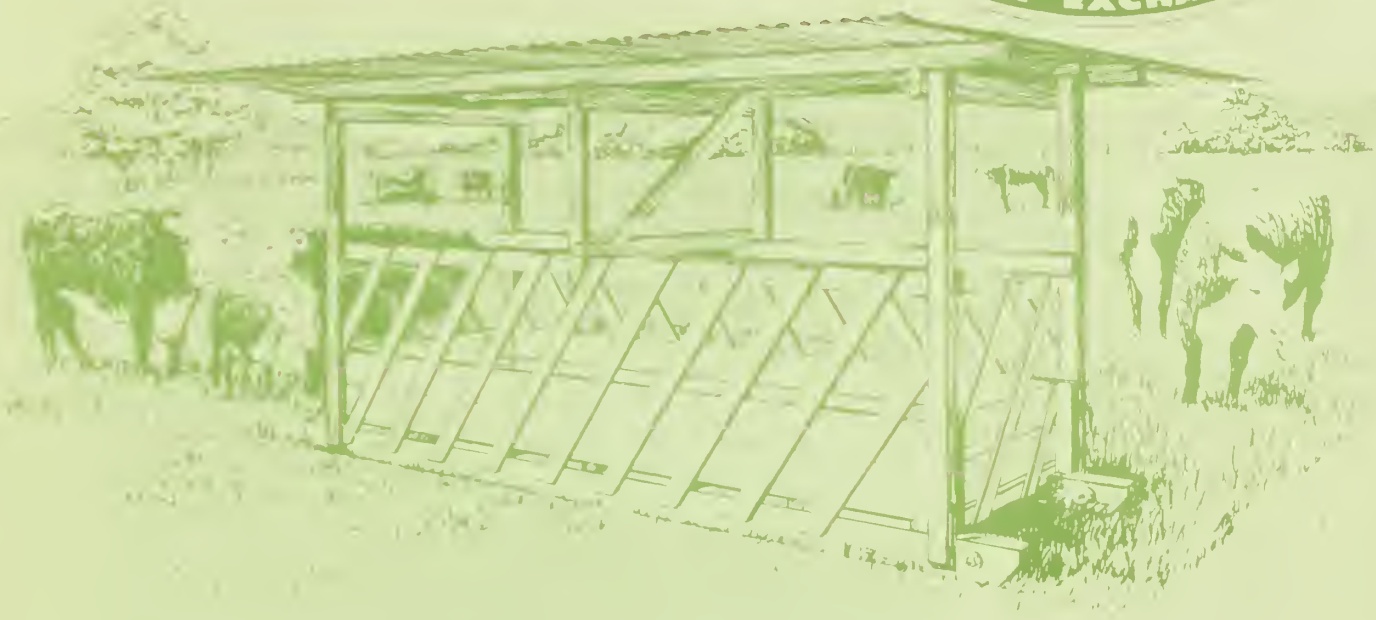
CATTLE FEEDING RACK
For Hay And Silage

RECEIVED
OCT 2 1936
U. S. DEPT. OF AGRICULTURE
BRANCH

COOPERATIVE FARM BUILDING
Plan No. 5925
(1 - SHEET)
PLAN EXCHANGE



This portable slanted-bar feeding rack was developed for feeding roughage to dairy cattle in pastures or open lots. It has been tested and found to outperform the vertical-bar rack in three ways:

(1) The slanted-bar rack is more economical. The cows waste less feed because the slant makes it inconvenient for them to withdraw their heads from the rack. They will eat directly over the trough. Thus, excess hay drops back into the trough instead of into the mud underfoot.

(2) The slanted-bar rack is structurally stronger because the slanted bars provide bracing on all sides.

(3) The slanted-bar rack is lighter in weight and costs less to build because less material is required.

Each rack will accommodate about 25 head of cattle fed free choice. Since a tractor can easily tow two racks at the same time, they may be linked together to accommodate about 50 head of cattle.

Construction details on the back of this sheet show how the rack is cut and fastened together. The sides of the feed bunk should be lower for short-legged beef animals.

A large-scale working drawing may be obtained through your county agricultural agent or from the extension agricultural engineer at most State agricultural colleges. There is usually a small charge.

ORDER PLAN NO. 5925, CATTLE FEEDING RACK FOR HAY AND SILAGE

If the large-scale drawing is not available in your State, write to the U.S. Department of Agriculture, Agricultural Engineering Research Division, Plant Industry Station, Beltsville, Md., 20705. The Department of Agriculture does not distribute drawings, but will forward your request to a State that does.

Please include your ZIP code in your address when you order drawings.

Washington, D.C. Issued June 1936

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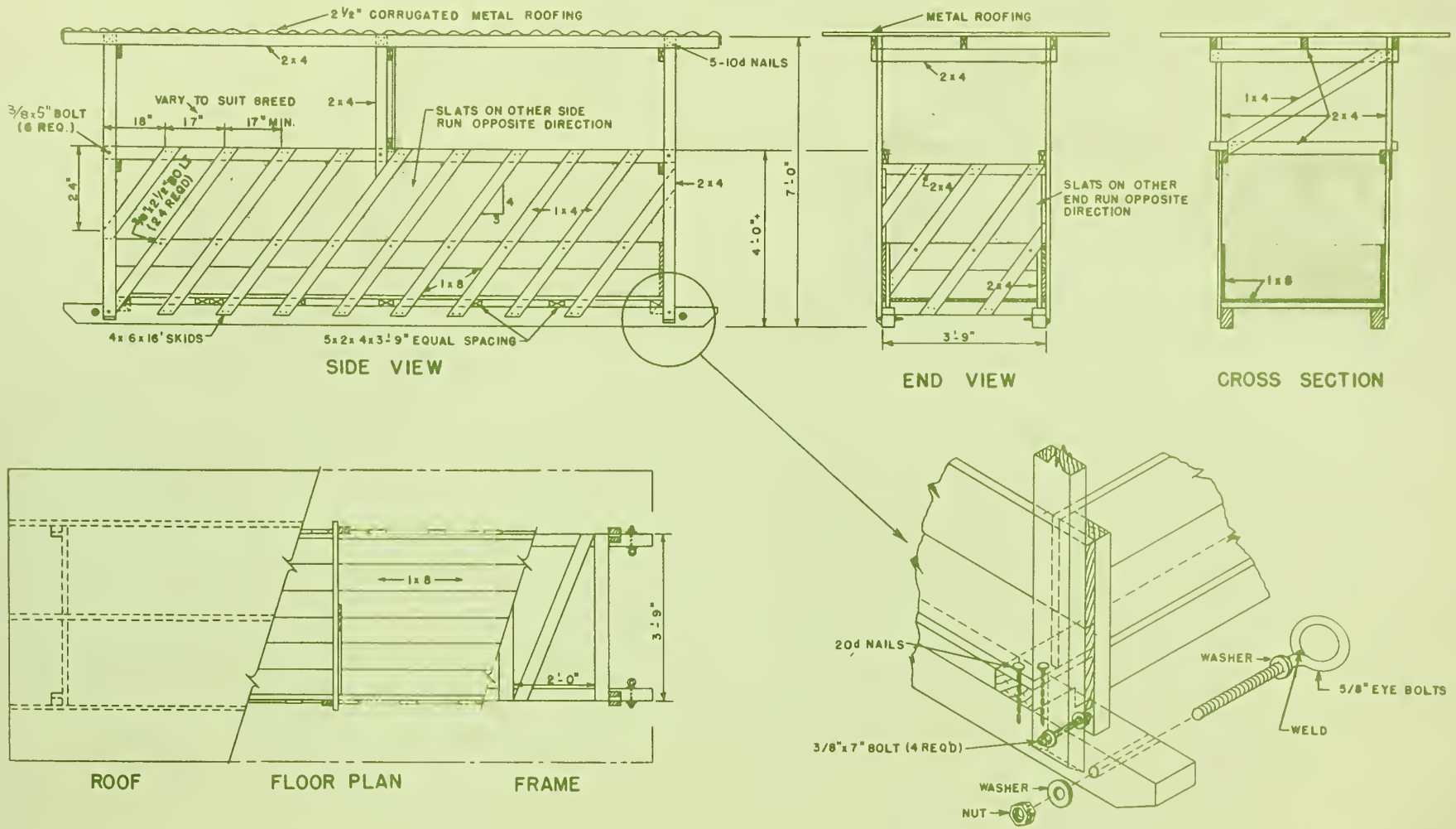

NOTES:

ALL WOOD TO BE PRESSURE TREATED WITH PENTACHLOROPHENOL

NAILS AND BOLTS SHOULD BE GALVANIZED

8d NAILS USED FOR SIDES AND FLOOR

MATERIAL LIST:

13-1½x4½x10'- SLATS AND BRACES
1-4½x4½x8'- SPREADERS
2-4½x6½x16'-SKIDS
11-1"x8"x14'-BUNK
4-2½x4½x16'
5-2½x4½x14'
3-2½x4½x8'

HARDWARE:

8-SHEETS 2 Ve"CORRUGATED METAL-7'LONG
ROOFING NAILS
8d-5LB.
10d-1LB.
20d-1LB.
24- 3/8"x 2½" BOLTS.
4- 3/8"x 7" BOLTS.
6- 3/8"x 5" BOLTS.
4- EYE BOLTS 5/8"

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